

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A fire protection means that is to be integrated into a construction element, wherein the fire protection means comprises at least one hybrid film system that is transparent in the visible spectrum and in which at least one film is coated with intumescent material, ~~and~~ wherein the film system comprises a plurality of films that contain organic and/or inorganic constituents, ~~that~~ and wherein at least two of said films differ from each other, at least in part, in organic and/or inorganic constitution.
2. (canceled)
3. (previously presented) The fire protection means according to Claim 1, wherein the film system has at least one adhesive layer that facilitates integration into environments.
4. (previously presented) The fire protection means according to Claim 1, wherein at least one constituent of the film system has a siliceous base.
5. (previously presented) The fire protection means according to Claim 1, wherein the film system has at least one layer comprising at least one organic or inorganic constituent in which the content of said constituent(s) varies over the thickness of the layer.
6. (canceled)
7. (previously presented) The fire protection means according to Claim 1, wherein the fire protection means comprises at least two films or film layers that have different chemical compositions and that are transparent at least in sections, whereby at least one of the layers is fire-retardant.

8. (canceled)

9. (previously presented) The fire protection means according to Claim 1, comprising a fire protection film SiO_2 and Na_2O with a mole ratio of SiO_2 to Na_2O in the range of 3.33 to 5.34.

10. (previously presented) The fire protection film according to Claim 1, comprising a fire protection film containing silicon oxides in the form of layer silicates or their precursors.

11. (canceled)

12. (previously presented) The fire protection film according to Claim 1, comprising a fire protection film containing a magnesium layer silicate.

13. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture of 25 wt.%, contains between 0.5 wt.% and 23 wt.% glycerin.

14. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture between 24.32 wt.% and 25.97 wt.%,

a) contains 0 wt.% to 2 wt.% methyltriethoxysilane (MTEOS) or

b) at a glycerin content of 5 wt.%,

contains 0 wt.% to 6 wt.% methyltriethoxysilane (MTEOS).

15. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture between 24.47 wt.% and 25.81 wt.%,

a) contains 0 wt.% to 2 wt.% tetraethylorthosilicate (TEOS) or

b) at a glycerin content of 5 wt.%,
contains 0 wt.% to 6 wt.% tetraethylorthosilicate (TEOS).

16. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture between 24.13 wt.% and 27.24 wt.%,

a) contains 0 wt.% to 5.5 wt.% glycidoxypropyltrimethoxysilane (GTPS) or

b) at a glycerin content of 5 wt.%,
contains 0 wt.% to 8 wt.% glycidoxypropyltrimethoxysilane (GTPS).

17. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture between 25.13 wt.% and 25.66 wt.%,

a) contains 1 wt.% to 2 wt.% surfactant, or

b) at a glycerin content of 5 wt.%,
contains 1 wt.% to 1.96 wt.% surfactant.

18. (previously presented) Fire protection glazing, comprising at least one fire protection means according to Claim 1.

19. (withdrawn) A method for the production of a fire protection means that is to be integrated into a construction element, the fire protection means comprising at least one hybrid film system that is transparent in the visible spectrum and in which at least one film is coated with intumescent material, comprising producing the film system in a continuous process.

20. (withdrawn) The method according to Claim 16, wherein the method comprises cascading coating processes.

21. (withdrawn) The method according to Claim 16, wherein the method comprises thin-film drying.

22. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture of 25 wt.%, contains between 7 wt.% and 23 wt.% glycerin.

23. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture of 25 wt.%, contains between 10 wt.% and 23 wt.% glycerin.

24. (previously presented) The fire protection means according to Claim 1, wherein the intumescent material, at a residual moisture of 25 wt.%, contains between 12 wt.% and 23 wt.% glycerin.

25. (new) A fire protection means for integration into a construction element, the fire protection means consisting of a hybrid film system that is transparent in the visible spectrum and in which at least one film is coated with intumescent material, wherein the film system comprises a plurality of films that contain organic and/or inorganic constituents, wherein at least two of said films differ from each other, at least in part, in organic and/or inorganic constitution, and wherein the hybrid film system is free of a glazing pane.